INDEX.

Acrylic Alcohol and its compounds, 362
Africa, Ornithology of, 238
Agave americana noticed, 354
Allman, Professor, Introductory Lecture by, 66
Andes, Vegetation of, 162
Arago, François, Meteorological Essays, review of, 150
Arvicolæ, species of, in Nova Scotia, 1

Babington on the Batrachian Ranunculi of Britain, 169. On British species of Epilobium, 352. On British species of Arctium, 358
Ben Lawers, Lichens of, 257
Ben Lawers, Plants of, 170
Binocular Vision, 210
Bœdekir, Professor, on Sphærosiderite, 185
Botanical Intelligence, 173, 364
Botanical Society, Proceedings of, 169, 352
Breeding of Fish, 361
Bryson, Alexander, on a Method of preparing Fossils for the Microscope, 297. On a new Pneumatic Chuck, 304

Cedar-wood, injurious effects of, in Cabinets, 185
Cheiramys Madgascariensis, 361
Chemical Intelligence, 185, 362
Chiretta of India, 364
Clark on British Marine Testacean Mollusca, review of, 154
Cleghorn on Chiretta, 364
Cleveland Ironstone Beds, Report on their Chemical Composition, 286
Cobbold, T. S., on the Glandulæ Peyerianæ of the Giraffe, 93
Crowder, William, on the Chemical Composition of the Cleveland Ironstone Beds, 286

Dawson, John William, on Species of Meriones and Arvicola, 1
Diatomaceæ of Glenshira, 346
Dickie, Professor, on Traces of Unity of Form in the Individual Bones of the Skeleton, 122

Edmonds, on an Earthquake-Shock in 1855, 280
Eye, its adjustment to distinct vision, 339

XUM

Fleming, Professor, on the Study of Natural History, 128. On Cedar-wood Cabinets, 185
Floral Register, 359
Fluorescence, Remarks on, 165
Fluorspar acted on by Phosphate of Soda, 363
Forbes, David, on the Chemical Composition of some Norwegian Minerals, 59. On the relation of the Silurian and Metamorphic Rocks of Norway, 79
Forbes, James, on the Rocks of Mont Blanc, 189
Fossil Floras of Scotland, 173

Gay's Chilian Zoology reviewed, 335
Geological Intelligence, 172, 362
Giraffe, Glandulæ Peyerianæ of, 93
Girard, Charles, on Nemerteans and Planarians, reviewed, 159
Gladstone, Dr J. H., on Fluorescence, 165
Goodsir, John, on the adjustment of the Eye to distinct vision, 339
Gregory, Dr, on the Diatomaceæ of Glenshira, 346
Gutta Percha Plant noticed, 353

Hayes, A. A., on Native Iron from Liberia, 204
Heddle on Galactite and Natrolites, 349. On Mesolite, Faröelite, and Antrimolite, 351
Helix pomatia and arbustorum, 361
Henwood, William Jory, on the Metalliferous Deposits of Kumaon and Gurhwal, 135
Hybridity in Birds, 171

Indian Metalliferous Deposits, 135
Iron, from Liberia, in Africa, 204

Jardine, Sir William, Contributions to Ornithology, 90, 238
Jenner on the Germinating Spores of Cryptogamic Plants, 269
Jones, T. Rymer, on the General Structure of the Animal Kingdom, review of, 160

Keith Prizes, 188

Land-Shells, their Distribution, 360
Langrebe, Dr George, on the Natural History of Volcanoes, review of, 141
Lawson, G., on Victoria Regia, 170
Leaf-insect, Notice of, 96
Listera ovata, 367
Lowe, W. H., on Polyommatus Artaxerxes, 342
Lyell's Manual of Elementary Geology reviewed, 305

Macmillan, Hugh, on the rare Lichens of Ben Lawers, 257
Madras Exhibition, 158
Maingay, A. C., on Cladophora repens, 358

Malapterurus Beninensis, Note on, 188
Malvern Bone Bed, 172
Man, recent origin of, on the Earth, 247
Meriones, Species of, in Nova Scotia, 1
Meteoric Lead, remarks on, 169
Meteorites, 367
Meteorological Register, 370
Meteorology, 368
Microscopic Fossil Specimens, preparation of, 297
Miller, Hugh, on the Fossil Floras of Scotland, 173
Mineralogical Intelligence, 367
Minerals, Norwegian, Chemical Composition of, 59
Mollusca of Britain, 154
Mont Blanc, relation of its Rocks, 189
Murray, Andrew, on the Leaf Insect, 96

Natural History, on the Study of, 66, 125
Newton's Principia, by Brougham and Routh, reviewed, 328
New Zealand, Natural History of, 5
Norwegian Rocks, Relation of, 79

Old Red Sandstone of Scotland, the Physical Geography of, 112
Orchids in Brazil, 366
Ornithology of Eastern Africa, Contributions to, by Sir William Jardine, 238
Ornithology of South America, Contributions to, by Sir William Jardine, 90
Ouvirandra fenestralis, 367

Photometer noticed, 345
Phyllium Scythe, Notice of, 96
Plurality of Worlds, Inferences respecting, 39, 218
Pneumatic Chuck described, 304
Polyommatus Artaxerxes, Remarks on, 342
Ponton, Mungo, on Solar Light, 345
Powell's Views in regard to the recent Origin of Man on the Earth, 247

Quito, Vegetable Productions of, 162

Ranunculi of Britain, 169
Rogers, Professor W. B., on the Binocular Resultant of a Straight line and a Circular Arc, 210. On the Binocular Resultant of two Circular Arcs, 213
Royal Physical Society, Proceedings of, 168, 348
Royal Society of Edinburgh, Proceedings of, 167, 339

Sabine's Translation of Arago's Essays reviewed, 150
Saury Pike noticed, 348
Scientific Intelligence, 171, 360
Skeleton found at Mickleton Tunnel, 253

XUM

Sorby, Henry Clifton, on the Physical Geography of the Old Red Sandstone Sea of the Central District of Scotland, 112
Sphærosiderite, containing Vanadium and Titanium, 185
Spores, Remarks on, 269
Symonds, Rev. W. S., on the Upper Ludlow Bone Bed, near Malvern, 172

Tancred, Sir Thomas, on the Natural History of Canterbury, New Zealand, 5
Technology, Inaugural Lecture on, reviewed, 156
Thomson, Alexander, on the Recent Origin of Man on the Earth, 247.
Trevelyan, Sir W. C., on a Form of Parmelia saxatilis, 355

Unity of Form in the Bones of the Skeleton, 122

Victoria Regia, Structure of, 170

Walrus, Habits of, 360
Wardrop, J., on the connection between the Chemical and Morphological Character of Plants, 356
Wilson, Professor George, on Technology, 156
Woods of Madras, 365

Zoological Intelligence, 171, 360

END OF VOLUME THIRD—NEW SERIES.

NEILL & Co., Printers, Edinburgh.